

North Slope, Alaska  
RISK LAYERS for CANDIDATE SITES for  
GEOGRAPHIC RESPONSE STRATEGIES

June 17, 2004

RISK SYMBOLS

- Response Equipment Depot

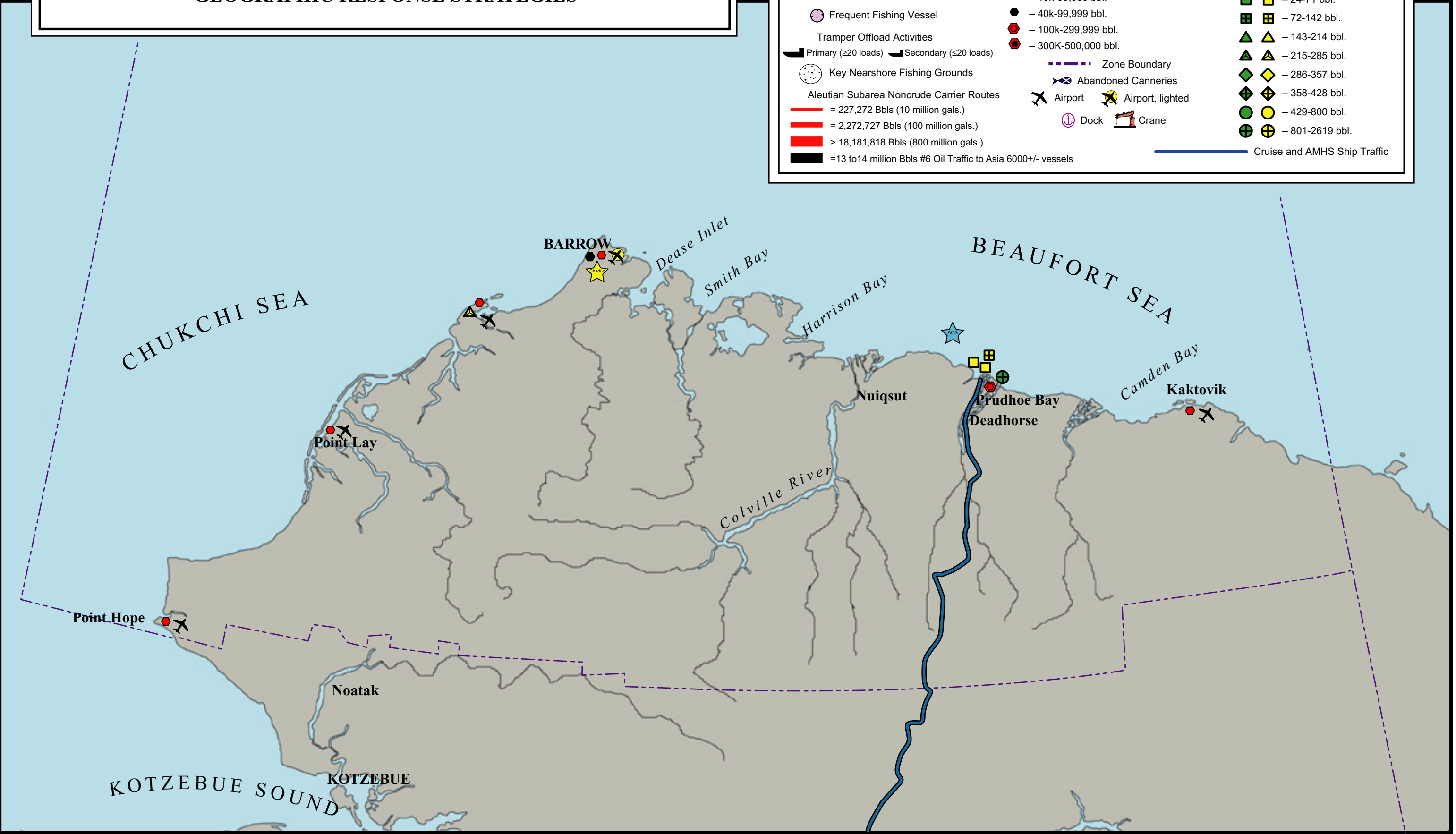
  - CHS
  - USCG
  - DE
  - ACS
- Bulk Fuel Storage Sites > 5,000 bbls

  - 5k-9,999 bbl.
  - 10k-39,999 bbl.
  - 40k-99,999 bbl.
  - 100k-299,999 bbl.
  - 300K-500,000 bbl.
- Aleutian Subarea Spills >24 barrels 1994-2004

  - = Persistent
  - = Non-Persistent
  - 24-71 bbl.
  - 72-142 bbl.
  - 143-214 bbl.
  - 215-285 bbl.
  - 286-357 bbl.
  - 358-428 bbl.
  - 429-800 bbl.
  - 801-2619 bbl.
- Frequent Fishing Vessel
- Tramper Offload Activities

  - Primary (≥20 loads)
  - Secondary (≤20 loads)
- Key Nearshore Fishing Grounds
- Aleutian Subarea Noncrude Carrier Routes

  - = 227,272 Bbls (10 million gals.)
  - = 2,272,727 Bbls (100 million gals.)
  - > 18,181,818 Bbls (800 million gals.)
  - =13 to14 million Bbls #6 Oil Traffic to Asia 6000+/- vessels
- Zone Boundary
- Abandoned Canneries
- Airport
- Airport, lighted
- Dock
- Crane
- Cruise and AMHS Ship Traffic



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Logistics

Community Logistics	Airport	Length	Port
Point Hope	Gravel	4,000 ft.	Barge
Point Lay	Paved	3,519 ft.	Barge
Wainwright	Gravel	4,494 ft./3,000 ft.	Barge
Barrow	Paved/Lighted	6,500 ft.	Barge
Kaktovik	Paved	4,000 ft.	Barge

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Zone Boundary

Abandoned Canneries

Airport

Airport, lighted

Dock

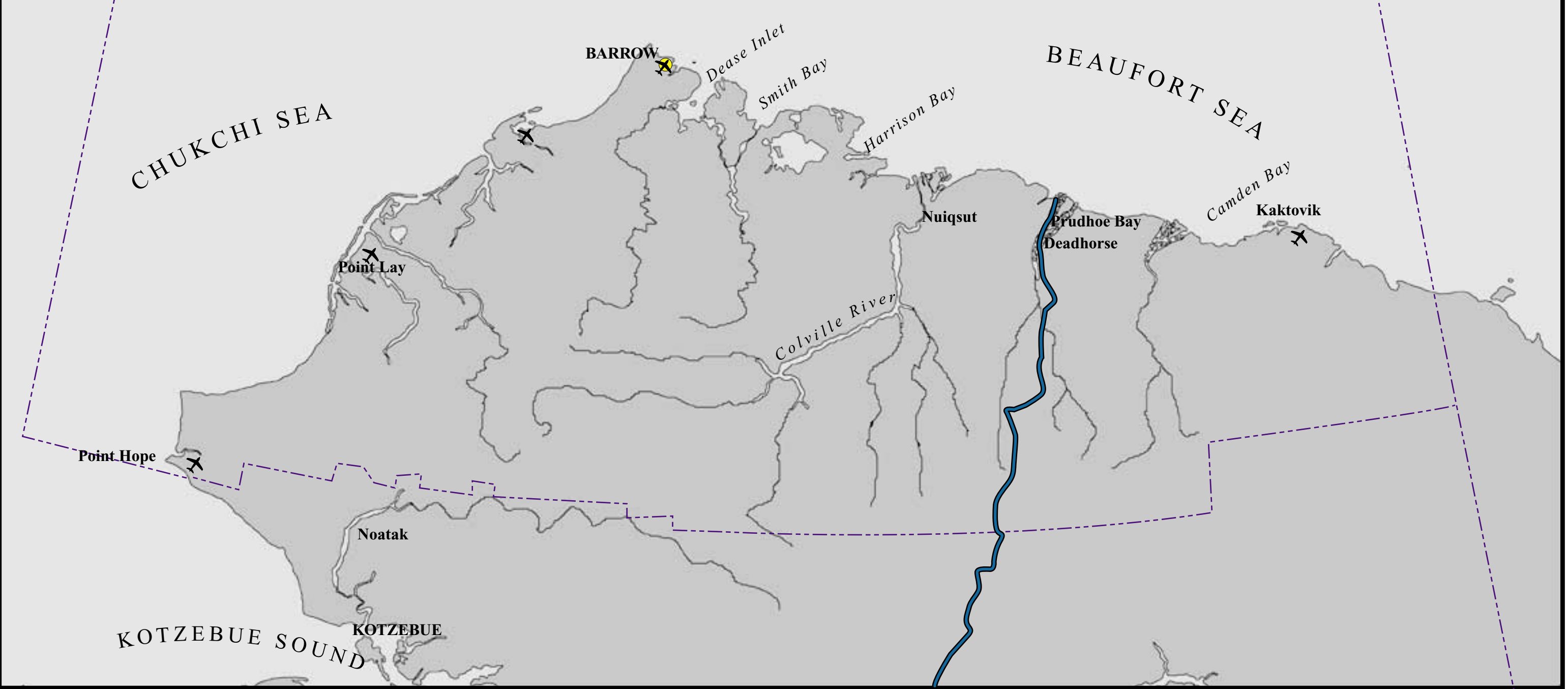
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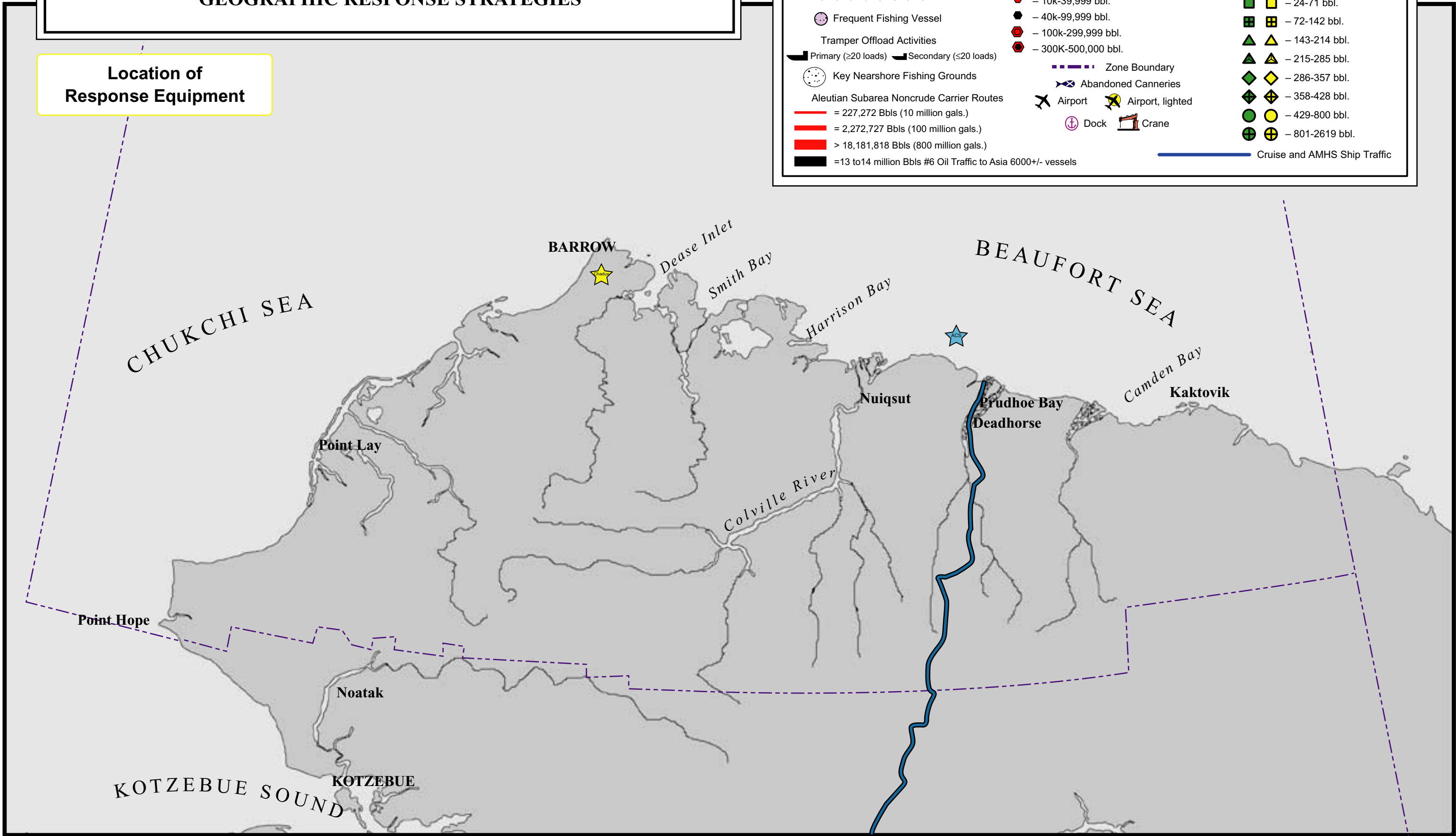
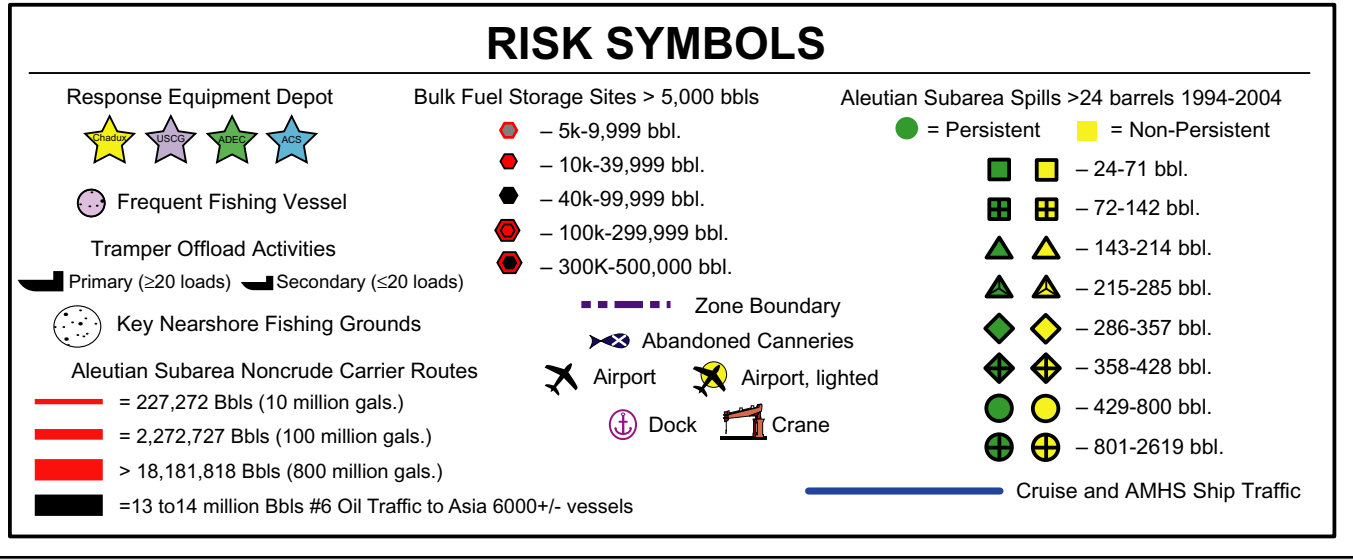
Cruise and AMHS Ship Traffic



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Location of  
Response Equipment





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Locations of

Bulk Fuel Storage

Bulk Fuel Location	Company	Capacity-BBL
Point Hope	School/Corp./City/Borough/DOT	30,297
Point Lay	North Slope Borough	13,952
Wainwright	North Slope Borough/Corp/Private	35,664
Barrow	Eskimos, Inc.	74,452
Barrow	North Slope Borough	27,285
Kaktovik	North Slope Borough/Corp/USAF/Private	32,709
Prudhoe Bay	BP Exploration	241,119

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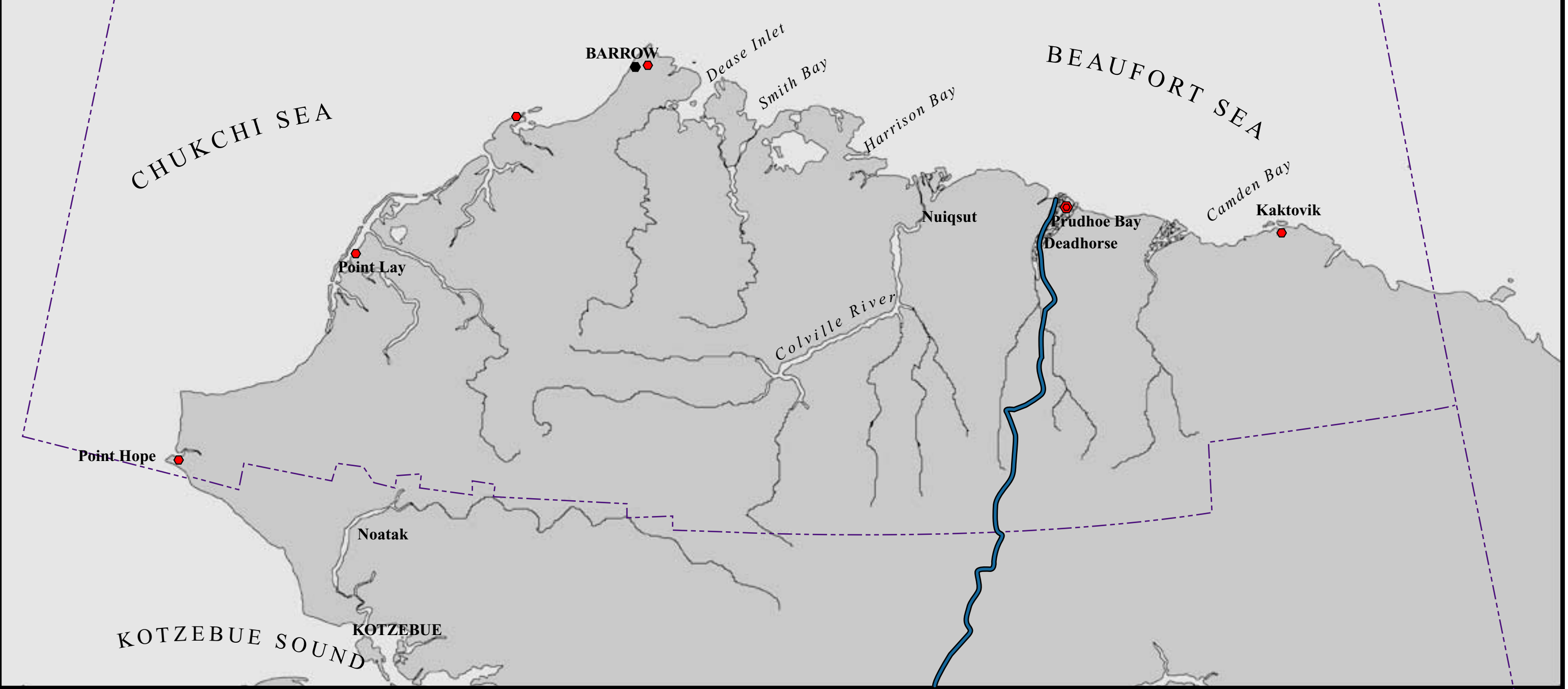
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Locations of  
Major Oil Spill Events

Spill Date	Spill Name	Type	Qty-Bbl
12/24/2000	East Prudhoe Bay, BULK FUEL FACILITY, TANK #3	Diesel	36
6/30/1996	West Prudhoe Bay, MUKLUK PAD	Diesel	26
2/28/2003	East Prudhoe Bay, MCC FUEL DOCK	Diesel	85
5/25/1998	Wainwright City	Diesel	238

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